



SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT

SMOKE ADVISORY

Valid Wednesday August 19, 2020 through Thursday August 20, 2020

This advisory is in effect through Thursday afternoon. South Coast AQMD will issue an update if additional information becomes available.

A wildfire named the Ranch2 Fire is burning north of Azusa and Duarte in Los Angeles County, within the Angeles National Forest. As of 7:00 PM on Tuesday, the burn area was 4,300 acres with 19% containment. Current information on the Ranch2 Fire can be found on the Incident Information System (InciWeb) at <https://inciweb.nwcg.gov/incident/6961/>.

Past and Current Smoke Impacts

The Ranch2 Fire is producing smoke on Wednesday afternoon based on webcam imagery, satellite imagery, and social media posts. Fire activity is currently generating smoke plumes which are moving to the north and northeast into the Angeles National Forest on Wednesday afternoon. PM2.5 concentrations at the South Coast AQMD's monitors in Glendora, Azusa, Upland, and Crestline have been within the **Good** to **Unhealthy** Air Quality Index (AQI) levels since Tuesday evening. PM2.5 concentrations at low-cost sensors in Duarte, Azusa, Altadena, Pasadena, Arcadia, and Upland have also been within the **Good** to **Moderate** Air Quality Index (AQI) levels since Tuesday evening. Visit <https://www.aqmd.gov/aqdata> to view current air quality conditions.

Forecasted Smoke Impacts

- On Wednesday afternoon and evening, winds near the Ranch2 Fire are predicted to be from the south and west and will push smoke to the north and east into the Angeles National Forest and western parts of the San Bernardino National Forest. There may be smoke impacts near the fire such as in Duarte, Azusa, and Glendora.
- On Thursday morning, winds will shift to come from the north and northwest and push smoke to Azusa, Glendora, and Upland. During this time, it is possible that smoke may be transported down from the higher elevations to areas south of the fire such as Duarte, Azusa, and Glendora. Elevated ground level concentrations of PM2.5 are expected overnight as the smoke is likely to remain closer to the ground.
- On Thursday afternoon, winds near the fire will shift to come from the west and southwest and push any smoke to the east and northeast into the Angeles National Forest and the San Bernardino National Forest.

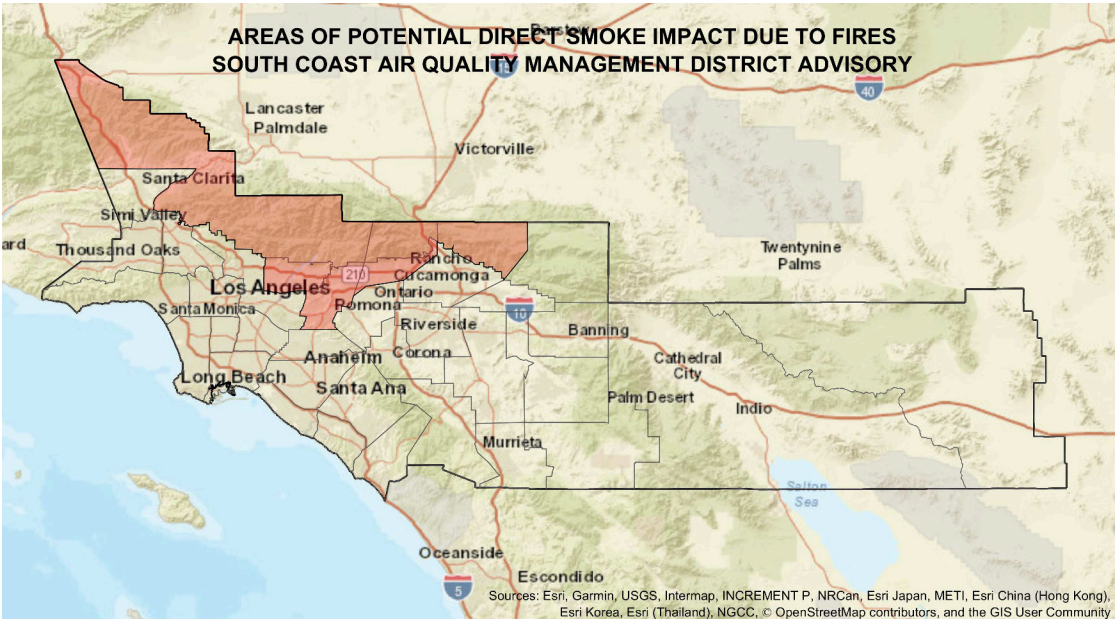
Overall, meteorological conditions may bring smoke and ash into portions of Los Angeles and San Bernardino counties. **Unhealthy for Sensitive Groups** or higher AQI levels due to elevated PM2.5 concentrations are possible in areas of direct smoke impacts. Ozone levels not directly associated with the fire are expected to reach **Unhealthy** to **Very Unhealthy** AQI levels on Wednesday and Thursday afternoon.

In any area impacted by smoke: If you smell smoke or see ash due to a wildfire, limit your exposure by remaining indoors with windows and doors closed or seeking alternate shelter, and avoiding vigorous

physical activity. For more tips on protecting yourself during a wildfire, see South Coast AQMD’s Wildfire Smoke & Ash Health & Safety Tips page: <http://www.aqmd.gov/wildfire-health-info-smoke-tips>

Areas of direct impacts and poor air quality may include portions of:

- **Los Angeles County:** East San Gabriel Valley (Area 9), Pomona-Walnut Valley (Area 10), San Gabriel Mountains (Area 15)
- **San Bernardino County:** Northwest San Bernardino Valley (Area 32), West San Bernardino Mountains (Area 36), Central San Bernardino Mountains (Area 37)



South Coast AQMD Advisory updates can be found at the following link: <http://www.aqmd.gov/advisory>

To subscribe to air quality alerts, advisories and forecasts by email, go to <http://AirAlerts.org>

To view current air quality conditions by region in an interactive map, see <http://www.aqmd.gov/aqimap>

For real-time air quality information, maps, notifications and health alerts in your area, download our award-winning South Coast AQMD app at: <http://www.aqmd.gov/mobileapp>

Air quality forecasts are available at <http://www.aqmd.gov/forecast>

For a map of South Coast AQMD Forecast Areas, see <http://www.aqmd.gov/ForecastAreas>